

**ABSTRACT OF THE DISCLOSURE**

A data recording and/or reproducing apparatus and method in which, during a recording operation, the maximum bit rate of a transport stream may be detected and along with the transport stream written into a storage medium. During a reproducing operation, the recorded transport stream and maximum bit rate information may be read from the storage medium and a band width or rate for transferring data over a digital interface may be set in accordance with the read maximum bit rate information. As a result, the digital interface band may be utilized for transferring data with a relatively high efficiency.